

IN THE SPECIFICATION:

Please amend paragraph 0060 as follows:

Miscellaneous: All materials were purchased from Sigma Chemical Co. and/or of the highest grade available. Total protein was quantified by Coomassie Protein Assay® (Pierce Chemical Co., Rockford, IL). Human IgG was used as the standard. *Bordetella pertussis* strain BP536, a spontaneous streptomycin resistant mutant of strain BP 338 used in the transformation experiments was obtained from Dr. Scott Stibitz at the Center for Biological Research and Evaluation, United States Food and Drug Administration (Stibitz, S. and M-S. Yang. 1991. J. Bact. 173: 4288-4296). The transformed *B. pertussis* knockout mutant derived therefrom was designated strain BP536pWY and has been deposited with the American Type Culture Collection, (Manassas, VA) in accordance with the terms of the Budapest Treaty. The American Type Culture Collection has assigned *B. Pertussis* strain BP536pWY ATCC number **PTA-3254**. All methods employed are well known to those of ordinary skill in the art. See for example: Methods in Molecular Biology, vol XX, B.D. Shepard and M.S. Gilmore (Eds) (1995); DNA sequencing, L. Alphey. Bios Scientific Publishers (1997); Diagnostic and Molecular Biology: Principles and Applications, D.H. Persing, T.F. Smith, F.C. Tenover and T.J. White (eds) (1993) American Society for Molecular Biology; Molecular Biology, D. Freifelder (ed) (1987) Jones and Bartlett Publishers; and Molecular Biology of the Gene, J.D. Watson, N.H. Hopkins, J.W. Roberts, J.A. Steiz and A.M. Weiner (eds) (1987) The Bengerman/Cummings Publishing Company, Inc.